

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Robert MIRLACH and Bjoern KOCH

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) May 24, 2006 and May 11, 2006, respectively☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other \_\_\_\_\_**2. Name and address of receiving party(ies)**

Bayerische Motoren Werke

Name: AktiengesellschaftStreet Address: Petuelring 130City: Munich

State: \_\_\_\_\_

Country: Germany Zip: D-80809Additional name(s) & address(es) attached? ☒ Yes ☐ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/574,389

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: J. Georg Seka

Internal Address: \_\_\_\_\_

TOWNSEND AND TOWNSEND AND CREW LLPStreet Address: Two Embarcadero Center,  
Eighth FloorCity: San FranciscoState: California Zip: 94111-3834Phone Number: (415) 576-0200Fax Number: (415) 576-0300Email Address: jgs@townsend.com**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**☐ Authorized to be charged by credit card☒ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)**8. Payment Information**a. Credit Card Last 4 numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_b. Deposit Account Number 20-1430Authorized User Name Townsend andTownsend and Crew LLP**9. Signature:**

Signature

J. Georg Seka

Name of Person Signing

Atty. Reg. No. 24,491

Date

April 12, 2007

Total number of pages including cover sheet, attachments, and documents:

**3**Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, VA 22313-1450

04/17/2007 MKAYPAGH 00000042 201430 10574389

03 FC:8021

40.00 DA

Additional name(s) and address(es) of receiving party(ies):  
(Continued from Page 1)

Friedrich Boysen GmbH & Co. KG  
Friedrich-Boysen Strasse 14-17  
Altensteig, Germany D-72213

**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, Robert MIRLACH of Koenigswieser Strasse 81a, Gauting, D-82131 Germany; and Bjoern KOCH of Lauichweg 3, Neuweiler-Breitenberg, D-75389 Germany, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: EXHAUST SYSTEM FOR AN INTERNAL  
COMBUSTION ENGINE

Int'l Appln. No.: PCT/EP2004/010109

Int'l Filing Date: September 10, 2004

U.S. Application No.: 10/574,389 ; and

WHEREAS, Bayerische Motoren Werke Aktiengesellschaft of Petuelring 130, Munich, Germany, D-80809; and Friedrich Boysen GmbH & Co. KG of Friedrich-Boysen Strasse 14-17, Altensteig, Germany, D-72213; hereinafter referred to as "ASSIGNEES," are desirous of acquiring ASSIGNORS' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, and Assignees' successors and assigns, all their right, title and interest in and to the said invention and application, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignees as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignees, but at Assignees' expense, cooperate with Assignees in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignees lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignees, or Assignees' successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: X 24.5.2006

X Robert Mirlach  
Robert MIRLACH

Dated: X 11.05.2006

X Bjoern Koch  
Bjoern KOCH

<b>POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM</b>	Application Number	10/574,389
	Filing Date	
	First Named Inventor	MIRLACH, Robert
	Title	EXHAUST SYSTEM FOR AN INTERNAL COMBUSTION ENGINE
	Art Unit	
	Examiner Name	
Attorney Docket Number		081551-000000US

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:



Practitioners associated with the Customer Number:

20350

OR



Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:



The address associated with the above-mentioned Customer Number:

OR



The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City		State	Zip
Country			
Telephone		Email	

I am the:



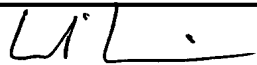
Applicant/Inventor.



Assignee of record. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

Signature		Date	29. Mai 2006
Name	Rolf Geisel	Telephone	
Title and Company	Geschäftsführer / Firma Friedrich Boysen GmbH & Co. KG, 72213 Albstadt.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.



\*Total of \_\_\_\_\_ forms are submitted.

<b>POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM</b>	Application Number	10/574,389
	Filing Date	
	First Named Inventor	MIRLACH, Robert
	Title	EXHAUST SYSTEM FOR AN INTERNAL COMBUSTION ENGINE
	Art Unit	
	Examiner Name	
	Attorney Docket Number	081551-000000US

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

20350

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

Signature	<i>Robert Mirlach</i> (Inventor)	Date	13.6.2006
Name	Robert Mirlach	Telephone	0049-89-382-37559
Title and Company	Bayerische Motoren Werke Aktiengesellschaft		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Robert MIRLACH and Bjoern KOCHApplication No./Patent No./Control No.: 10/574,389

Filed/Issue Date: \_\_\_\_\_

Entitled: EXHAUST SYSTEM FOR AN INTERNAL COMBUSTION ENGINEFriedrich Boysen GmbH & Co. KG

(Name of Assignee)

, a German company

(Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of less than the entire right, title and interest.  
(The extent (by percentage) of its ownership interest is 50 %)

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a true copy of the original assignment is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To : \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To : \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To : \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

**As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11**

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Rolf Geisel

Printed or Typed Name

Geschäftsführer

Title

29. Mai 2006

Date

Telephone Number

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Robert MIRLACH and Bjoern KOCHApplication No./Patent No./Control No.: 10/574,389 Filed/Issue Date: \_\_\_\_\_Entitled: EXHAUST SYSTEM FOR AN INTERNAL COMBUSTION ENGINEBayerische Motoren Werke Aktiengesellschaft, a German company

(Name of Assignee)

(Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of less than the entire right, title and interest.  
(The extent (by percentage) of its ownership interest is 50 %)

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a true copy of the original assignment is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To : \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To : \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To : \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

**As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11**

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

X Helmut Bücken  
Signature

22.06.06

Date

X Bayerische Motoren Werke Aktiengesellschaft  
Printed or Typed Name

0049-89-382-32603

Telephone Number

X Helmut Bücken (General Manager)  
Title

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Robert MIRLACH of Koenigswieser Strasse 81a, Gauting, D-82131 Germany; and Bjoern KOCH of Lauichweg 3, Neuweiler-Breitenberg, D-75389 Germany, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: EXHAUST SYSTEM FOR AN INTERNAL  
COMBUSTION ENGINE

Int'l Appln. No.: PCT/EP2004/010109

Int'l Filing Date: September 10, 2004

U.S. Application No.: 10/574,389 ; and

WHEREAS, Bayerische Motoren Werke Aktiengesellschaft of Petuelring 130, Munich, Germany, D-80809; and Friedrich Boysen GmbH & Co. KG of Friedrich-Boysen Strasse 14-17, Altensteig, Germany, D-72213; hereinafter referred to as "ASSIGNEES," are desirous of acquiring ASSIGNORS' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, and Assignees' successors and assigns, all their right, title and interest in and to the said invention and application, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignees as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignees, but at Assignees' expense, cooperate with Assignees in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignees lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignees, or Assignees' successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 24. 5. 2006

Robert Mirlach  
Robert MIRLACH

Dated: 11. 05. 2006

Bjoern Koch  
Bjoern KOCH